



CS15 Shear



Parts Manual CS-Series



Part #CSE00002

Connect Work Tools - www.connectworktools.com - 920.238.6657

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Contact Information



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Contact your Connect Work Tools Representative or the Connect Work Tools Parts Department for replacement manuals. Inquiries regarding the content of this manual must include the release date shown below.

Information in this manual is subject to change without advance notice.

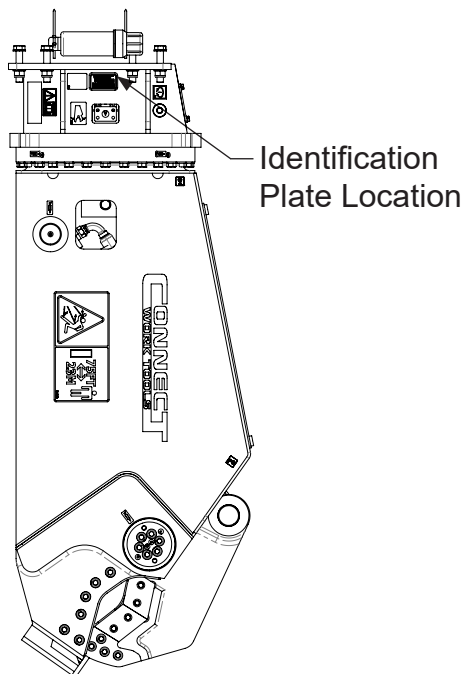
Table 1.1 About this manual

Document ID No.	CSE00001
Type	Safety & Operators
Release Date	March 2024
Product Name	CWT Shear
Series	CS
Serial Numbers	CS15 101+
Years of Manufacture	2024 & above
Original Instructions	American English

1.0 Equipment Identification

1.1 Location of the Serial Number Decal

Models: CS15



The Serial Equipment Identification Decal is affixed to the side of the housing box. It provides the following information:

- Serial Number
- Model Number
- Weight
- Pressure Open/Close
- Flow Open/Close
- Pressure Rotate
- Flow Rotate

****Note:** Prior to ordering parts, it's important to confirm your model and serial number

CONNECT TM WORK TOOLS				
Serial Number:				
Model Number:				
Weight:		kg		lb
Open/ Close	Pressure:	bar		psi
	Flow:	l/min		gpm
Rotate	Pressure:	bar		psi
	Flow:	l/min		gpm

1.2 Owner's Record of the Equipment

Record the Model and Serial Number from the Serial Equipment Identification Tag to the space provided below. Indicate the date in which the Connect Work Tools equipment was placed into service.

Model: CS15

Serial Number: _____

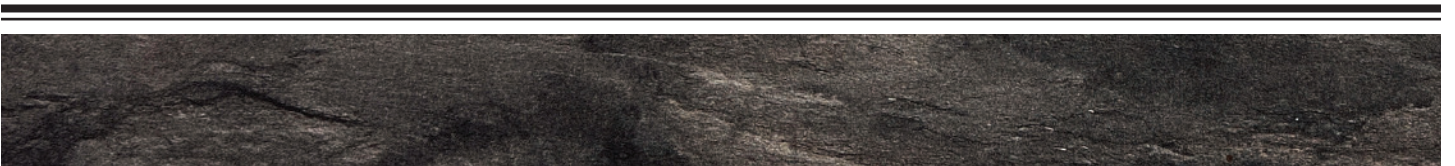
In Service Date: _____

Your Connect Work Tools representative requires this information to better assist you with questions regarding parts, warranty, operation, maintenance, or repair.

Your equipment must be registered by your local Distributor at the time of sale.

Product Registration Date: _____

Notes

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2.0 - Decals

All decals pictured are included in decal kits (with exception of No. 10)

2.1 Standard Decals



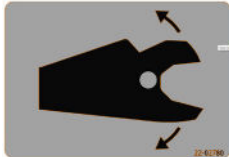
1. Part Number 16-00078 - Decal Warning Read Manual



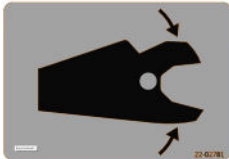
2. Part Number 16-00082 - Decal Lift Point



3. Part Number 16-00082 - Decal Lift Point



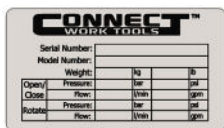
4. Part Number 22-02780 - Decal Open



5. Part Number 22-02781 - Decal Close



6. Part Number 22-02922 - Decal Stay Away 75ft/23m



7. Part Number CHE00004 - Decal SN Plate (Not included in Decal Kit)



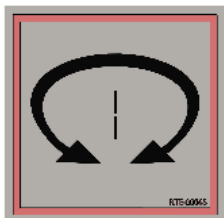
8. Part Number CHE00385 - Decal LOGO



9. Part Number CHE00003 - Decal CS15

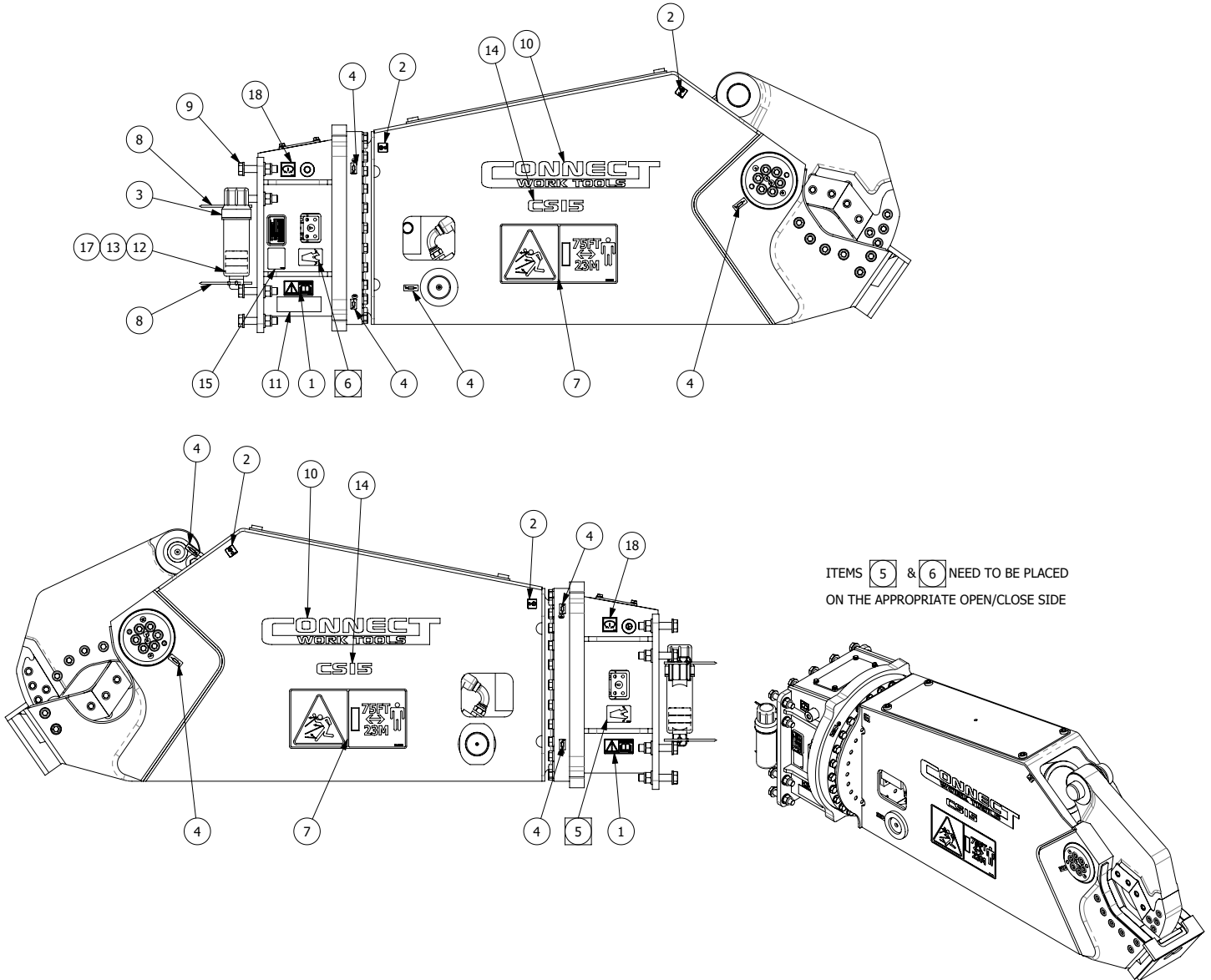
Not Shown

10. Part Number CSE00004 - Decal QR Code



11. Part Number RTE00065 - Decal Rotate

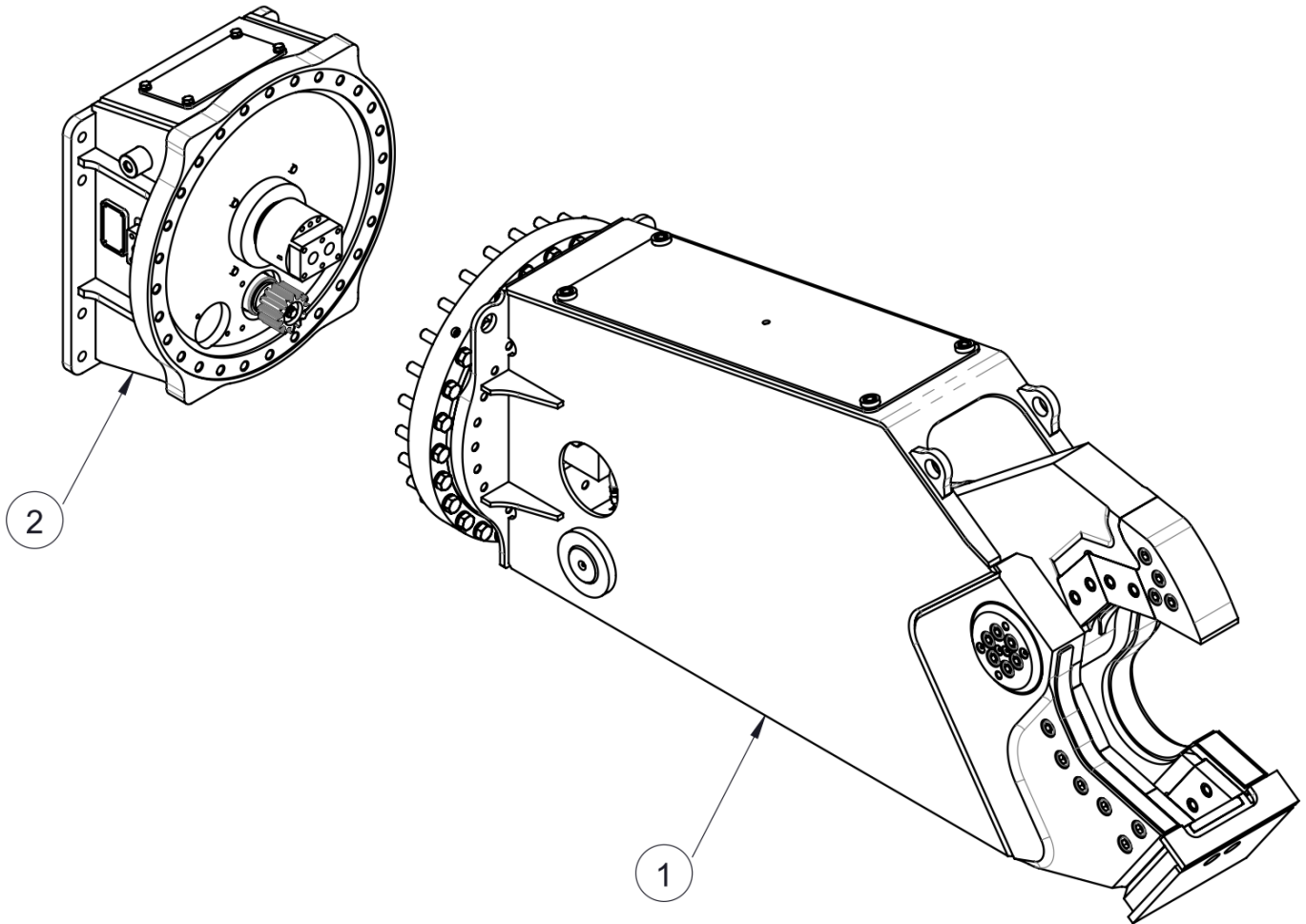
2.0 - Decals



2.0 - Decals

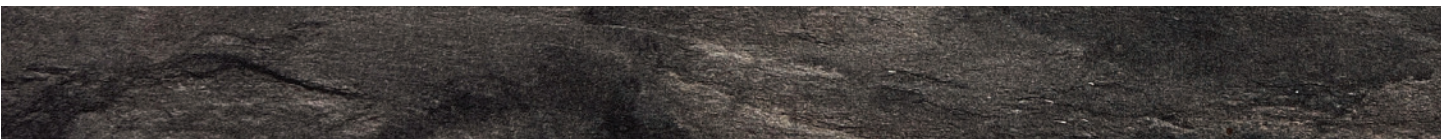
NO.	PART NO.	PART NAME	QTY	REMARKS
1	16-00078	DECAL WARNING READ MANUAL	2	
2	16-00082	DECAL LIFT POINT	4	
3	22-00549	DOCUMENT TUBE	1	
4	22-01373	DECAL GREASE	8	
5	22-02780	DECAL OPEN	1	
6	22-02781	DECAL CLOSE	1	
7	22-02922	DECAL STAY AWAY 75FT/23M	2	
8	30-00539	ZIP TIE 14" BLACK HD	2	
9	CHB520BTPBK	MOUNTING BOLT KIT CH110/120/130/140	1	
10	CHE00385	DECAL CONNECT LOGO 24"	2	
11	CHE01864	DECAL CWT SERVICE-SALES-PARTS 2X6	1	
12	CSE00001	MANUAL SERVICE OPERATIONS CS SERIES	1	
13	CSE00002	MANUAL PARTS CS SERIES	1	
14	CSE00003	DECAL CS15	2	
15	CSE00004	DECAL – MANUAL QR CODE CS	1	
16	CSMRS15	ASSY CS15	1	
17	D-0104	CH BREAKER INST. & REG. FORM	1	
18	RTE00065	DECAL GRAPPLE ROTATE	2	

3.1 - CS15 Shear

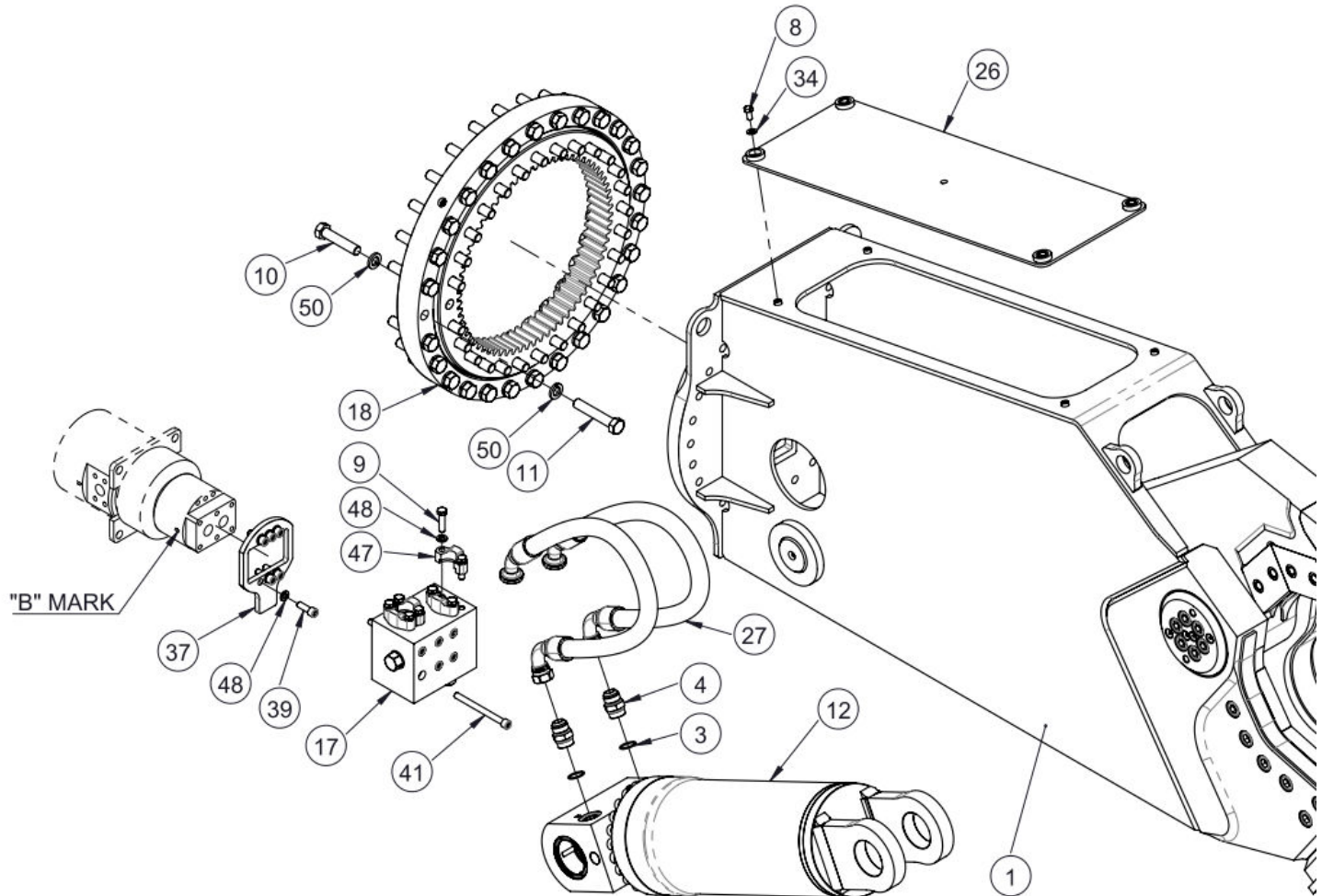


NO.	PART NO.	PART NAME	QTY	REMARKS
	CSK15E0000	SHEAR ASSEMBLY	1	
1	CSK15E0010	SUB ASSEMBLY SHEAR	1	
2	CSK15E1000	SUB HEAD	1	

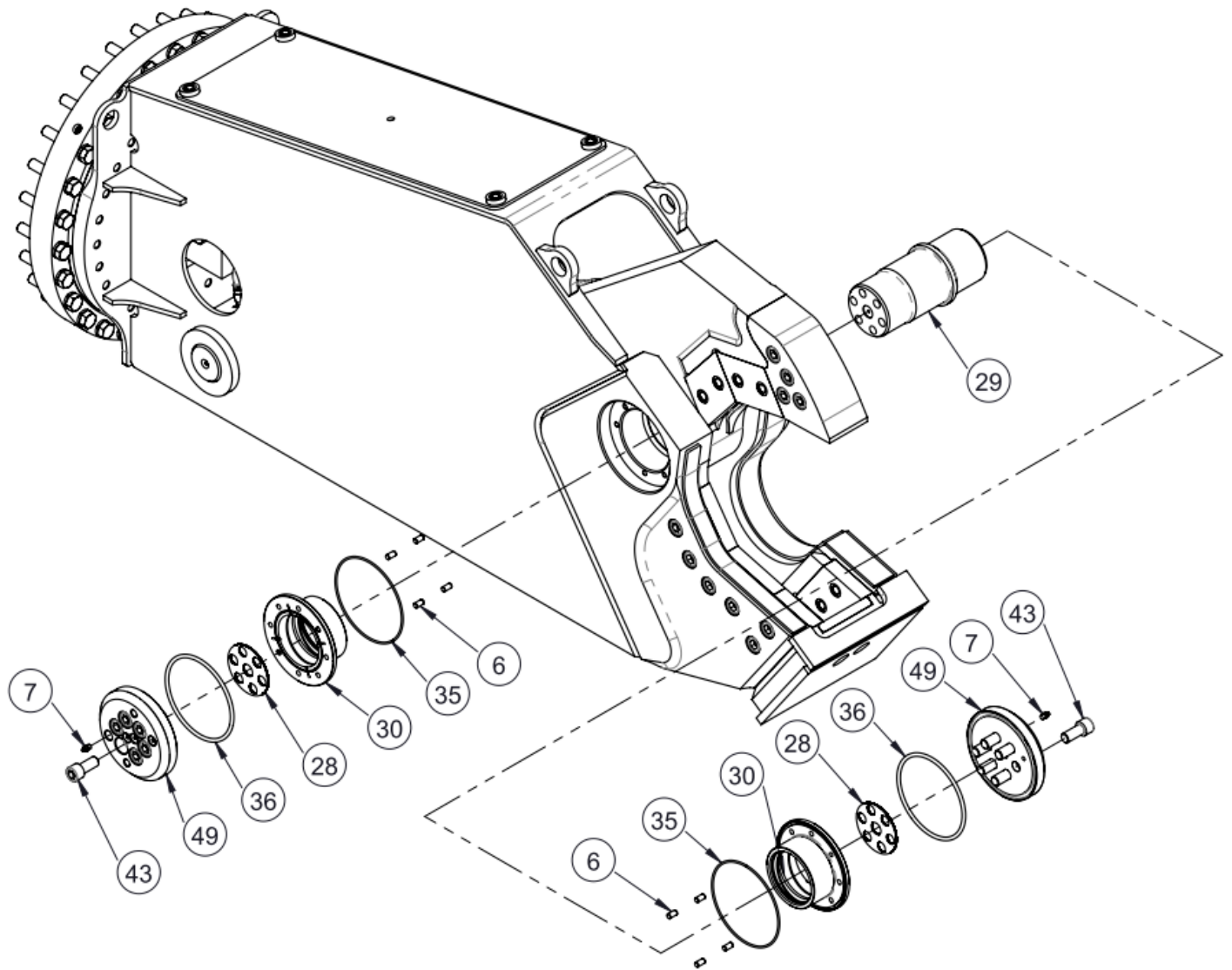
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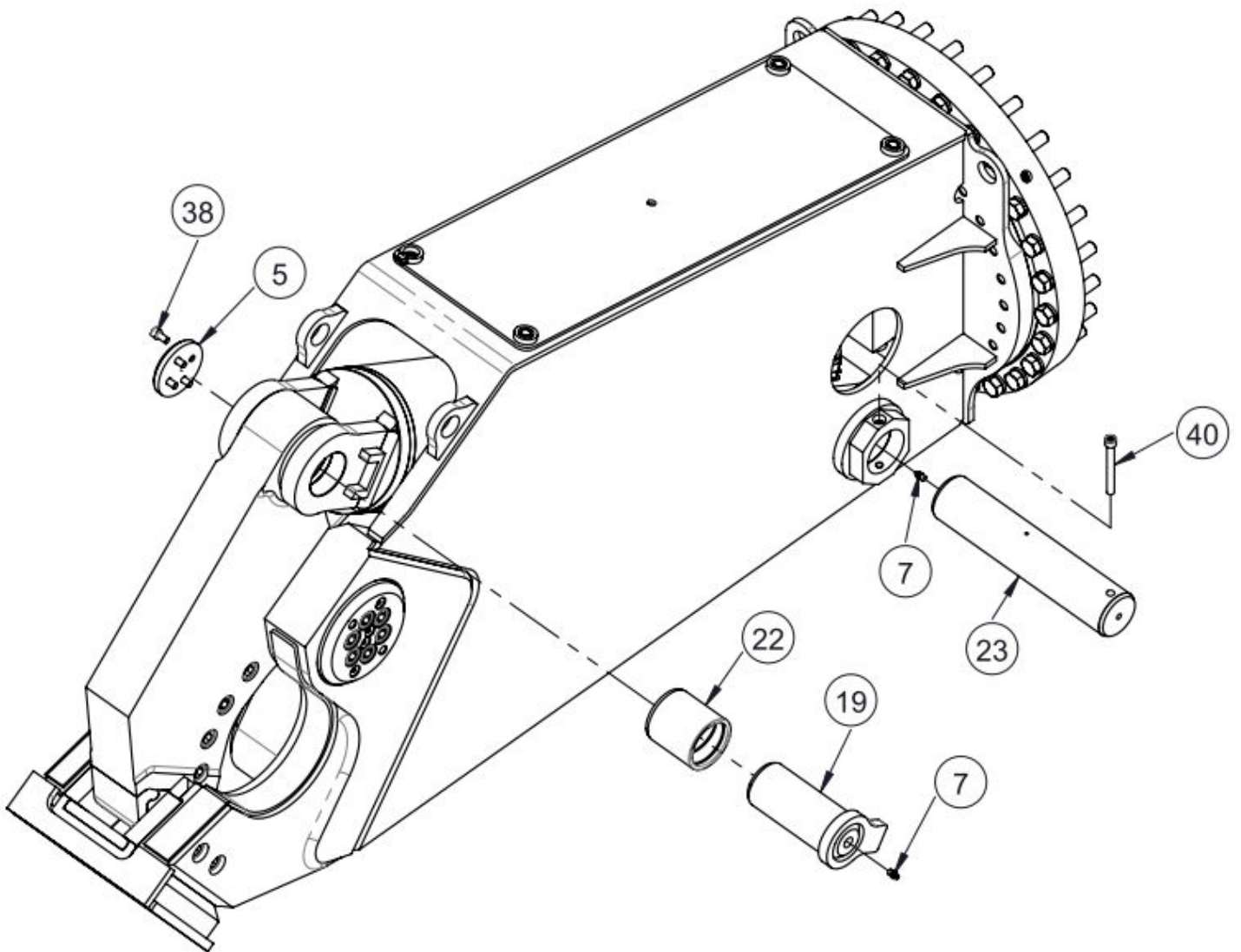
3.2 - CS15 Sub Shear Assembly



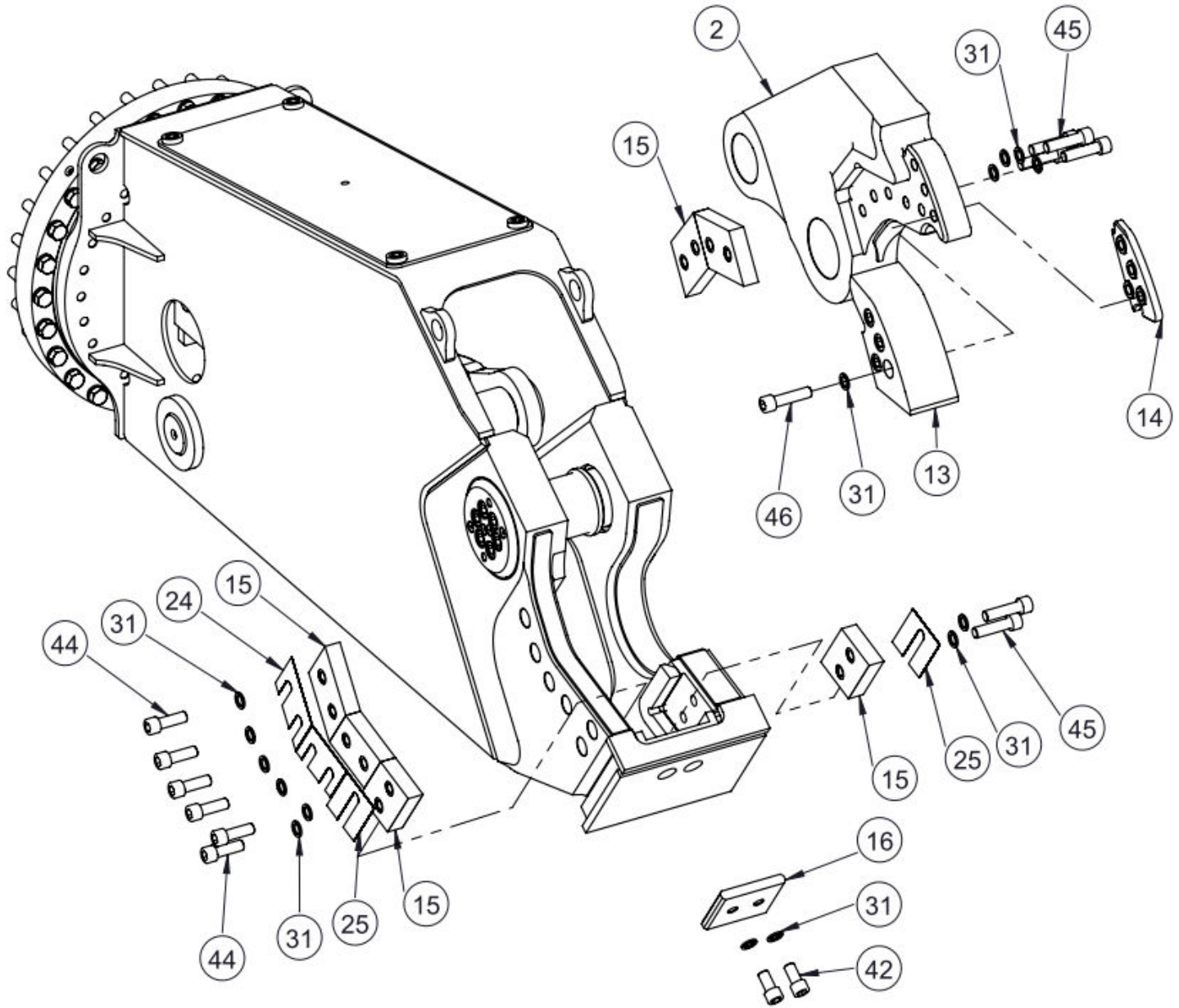
3.2 - CS15 Sub Shear Assembly



3.2 - CS15 Sub Shear Assembly



3.2 - CS15 Sub Shear Assembly



3.2 - CS15 Sub Shear Assembly

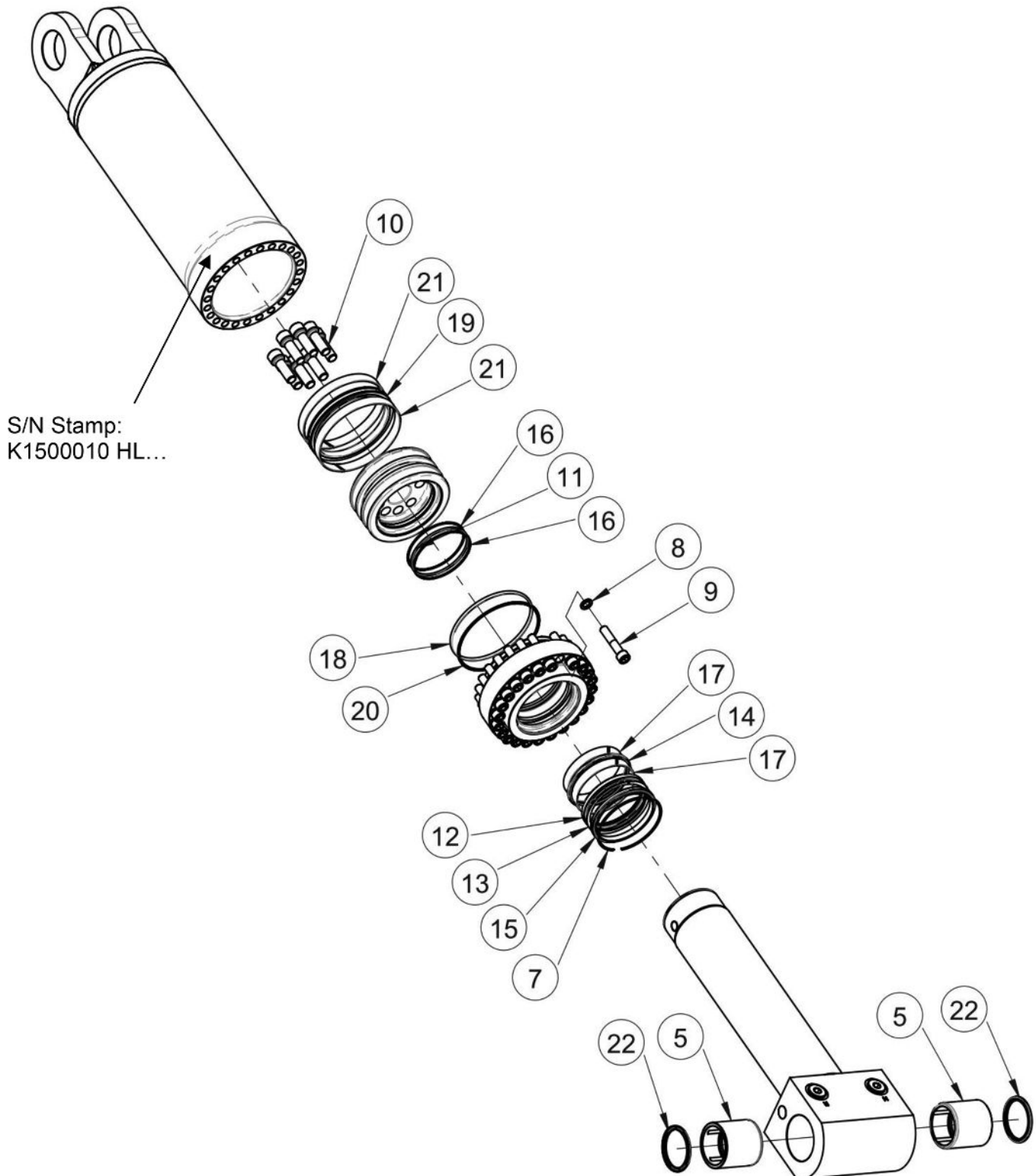
NO.	PART NO.	PART NAME	QTY	REMARKS
	CSK15E0010	BODY SUB ASSY		
1	CSK15E0100	MAIN BODY W.A	1	
2	CSK15E0600	UPPER JAW W.A	1	
3	CWV4300010	O-RING	2	
4	CWAUF16MJC16M	ADAPTER	2	
5	CSC1500060	COVER PIN	1	
6	CGC1500300	DOWEL PIN	8	
7	CGGN180000	GREASE NIPPLE	10	
8	CSHB1015020	HEX. BOLT	4	
9	CSHB1217045	HEX. BOLT	8	
10	CSHB2025095	HEX. BOLT	28	
11	CSHB2025110	HEX. BOLT	28	
12	CSK1500010SK	CYLINDER ASSY	1	
13	CSK15E0020	CUTTER 1	1	
14	CSK15E0030	CUTTER 2	1	
15	CSK15E0040	CUTTER 3	6	
16	CSK15E0060	CUTTER 4	1	
17	CSK15E0070	SPEED UP VALVE	1	
18	CSK15E0080	SLEWING RING GEAR	1	
19	CSK15E0090	LINK PIN	1	
22	CSK15E0810	LINK BUSHING	1	
23	CSK15E0830	CYLINDER HEAD PIN	1	
24	CSK15E0840	SHIM KIT	2	
25	CSK15E0850	SHIM KIT	2	
26	CSK15E0870	COVER PLATE W.A	1	
27	CSK15E0870	HOSE ASSY	2	
28	CSK15E0890	MAIN PIN SHIM KIT	2	

3.2 - CS15 Sub Shear Assembly

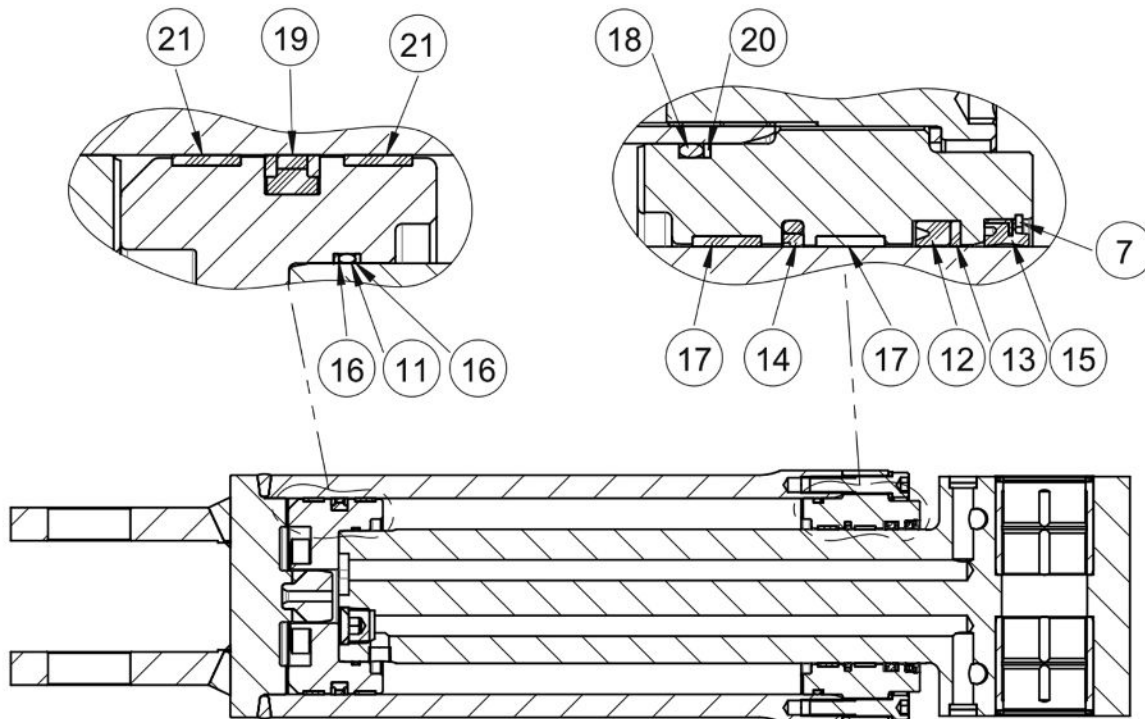
NO.	PART NO.	PART NAME	QTY	REMARKS
29	CSK15E0900	PIN; MAIN	1	
30	CSK15E0910	BUSH; MAIN	2	
31	CSNDLW2000	NORDLOCK WASHER	18	
32	CWP25U0030	TRIMS SEAL RUBBER	1	
33	CWP3201012	O-RING (AS568-219)	2	
34	CCPW100000	PLAIN WASHER	4	
35	CSS0190262	O-RING	2	
36	CSS0190440	O-RING	2	
37	CWS2050060	STOPPER	1	
38	CSSB1015020	SOCKET BOLT	4	
39	CGSB1217035	SOCKET BOLT	6	
40	CSSB1217110	SOCKET BOLT	1	
41	CHSB1217140	SOCKET BOLT	6	
42	CSSB2025040	SOCKET BOLT	2	
43	CFSB2025045	SOCKET BOLT	12	
44	CSSB2025060	SOCKET BOLT	6	
45	CSSB2025075	SOCKET BOLT	6	
46	CSSB2025080	SOCKET BOLT	4	
47	CGSF16F62	HALF CLAMP	4	
48	CGSW120000	SPRING WASHER	14	
49	CSK15E0820	PIN COVER	2	
50	CHSW200000	SPRING WASHER	56	

3.3a - CS15 Cylinder Assembly - CSK1500010

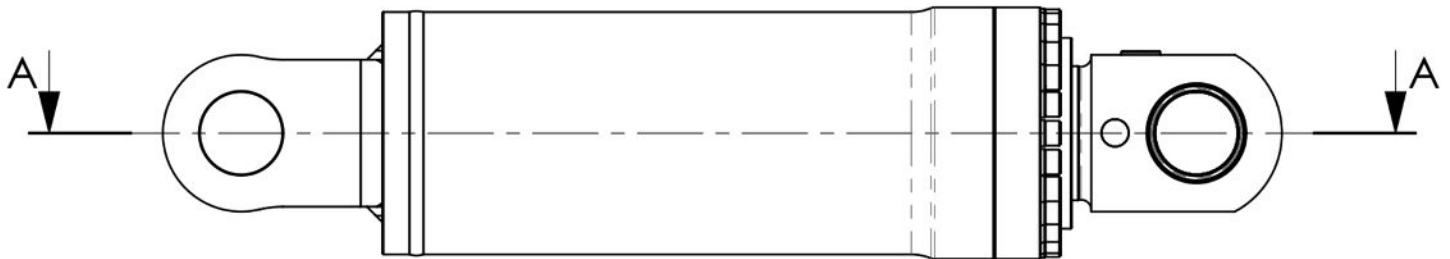
BODY S/N: CS15001 ~ CS15003
CYLINDER S/N: K1500010 HL...



3.3 - CS15 Cylinder Assembly - CSK1500010



SECTION A-A

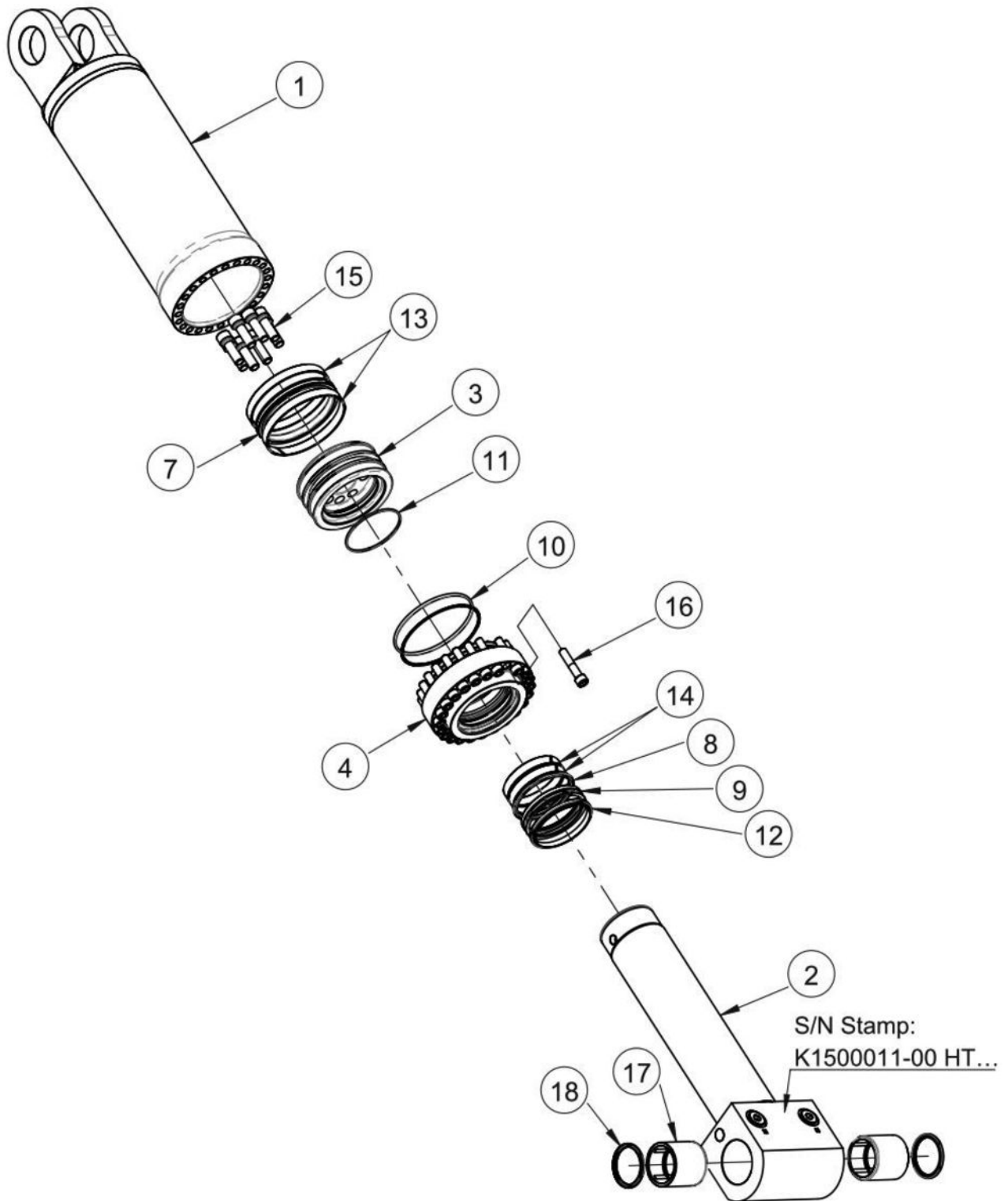


3.3 - CS15 Cylinder Assembly - CSK1500010

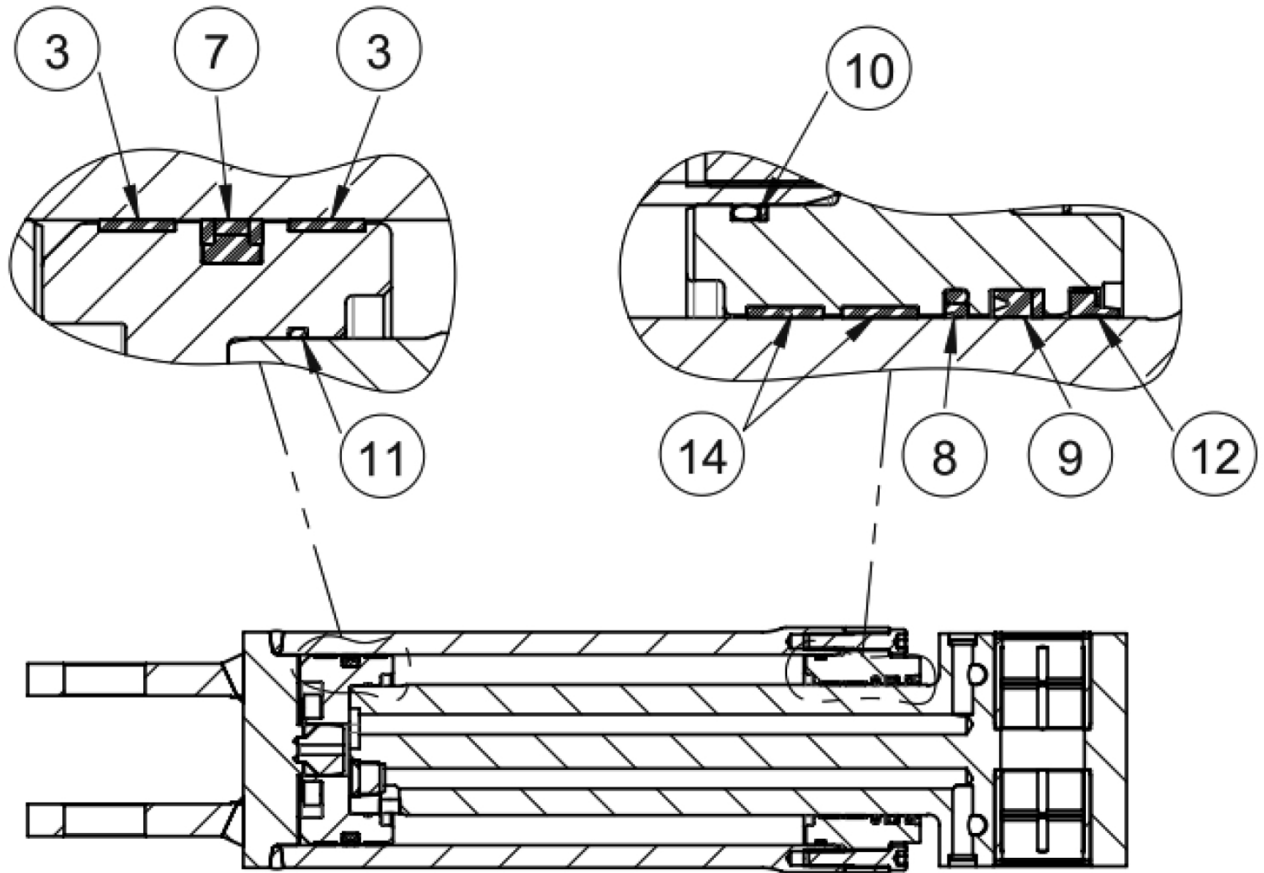
NO.	PART NO.	PART NAME	QTY	REMARKS
	CSK1500010	CYLINDER ASSEMBLY	1	
5	CSK1500015	BUSH	2	
8	CHNDLW1600	LOCK WASHER	24	
9	CSSB1620080	SCREW	24	
10	CSSB2025060	SCREW	8	
22	CSK1500016	WIPER RING	2	
-	CSK1500010SK	SEAL KIT; CYLINDER	1	
11		O-RING	1	Part of SEAL KIT
12		ROD SEAL	1	Part of SEAL KIT
13		BACK-UP RING	1	Part of SEAL KIT
14		BUFFER RING	1	Part of SEAL KIT
15		WIPER RING	1	Part of SEAL KIT
16		BACK-UP RING	2	Part of SEAL KIT
17		WEAR RING	2	Part of SEAL KIT
18		O-RING	1	Part of SEAL KIT
19		PISTON SEAL	1	Part of SEAL KIT
20		BACK-UP RING	1	Part of SEAL KIT
21		WEAR RING	2	Part of SEAL KIT

3.3b - CS15 Cylinder Assembly - CSK1500011

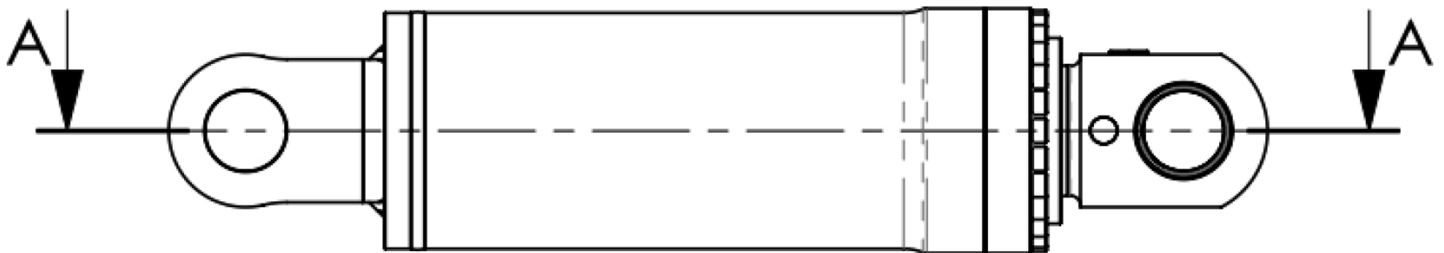
BODY S/N: CS15004 ~ CS15006
CYLINDER S/N: K1500011-00 HT...



3.3 - CS15 Cylinder Assembly - CSK1500011



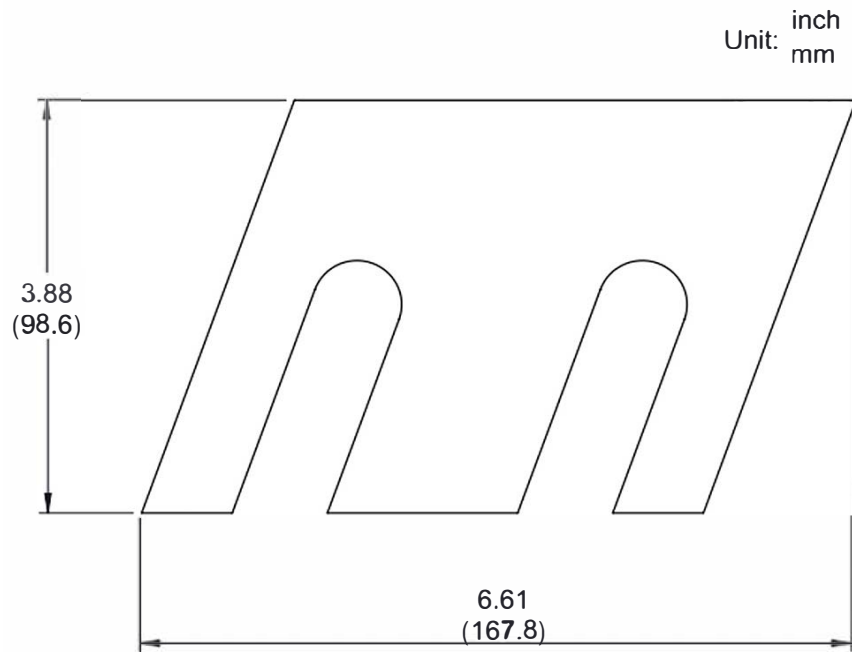
SECTION A-A



3.3 - CS15 Cylinder Assembly - CSK1500011

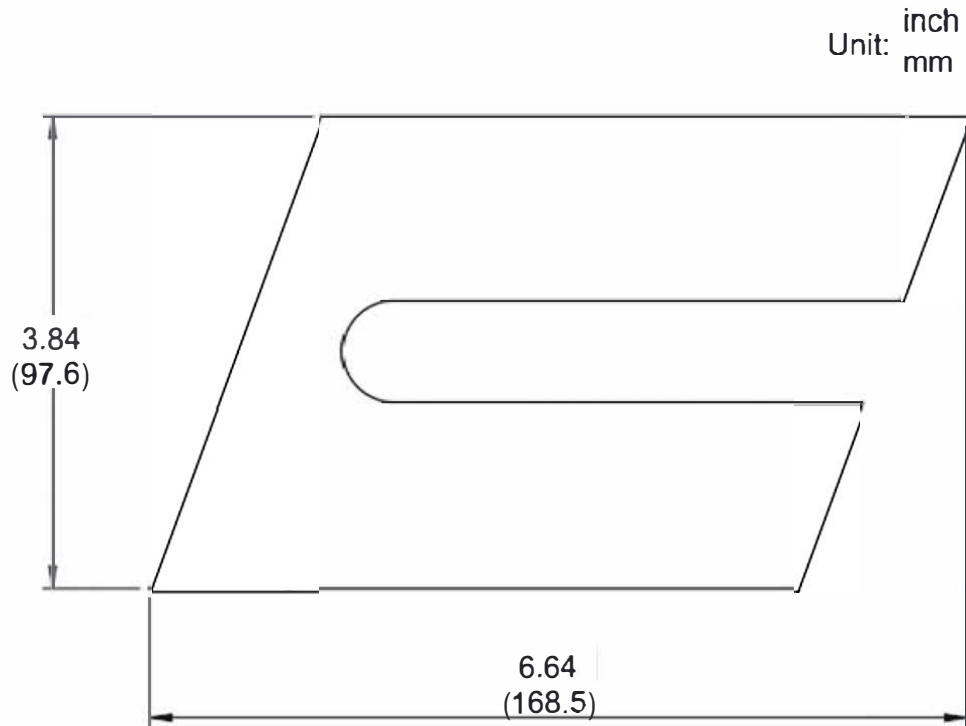
NO.	PART NO.	PART NAME	QTY	REMARKS
	CSK1500011	CYLINDER ASSEMBLY	1	
1	CSK1500043	TUBE	2	
2	CSK1500044	ROD	24	
3	CSK1500045	PISTON	24	
4	CSK1500046	ROD COVER	8	
-	CSK1500040	SEAL KIT	2	
7	-	PISTON SEAL	1	
8	-	ROD SEAL	1	Part of SEAL KIT
9	-	ROD SEAL	1	Part of SEAL KIT
10	-	O-RING WITH BACKUP RING	1	Part of SEAL KIT
11	-	O-RING	1	Part of SEAL KIT
12	-	DUST SEAL	1	Part of SEAL KIT
13	-	WEAR RING	2	Part of SEAL KIT
14	-	WEAR RING	2	Part of SEAL KIT
15	CSSB2025075	SOCKET BOLT	1	
16	CSSB1620085	SOCKET BOLT	1	
17	CSK1500041	BUSH	1	
18	CSK1500042	DUST SEAL	2	

3.4 - CS15 Shim Kit - CSK15E0840



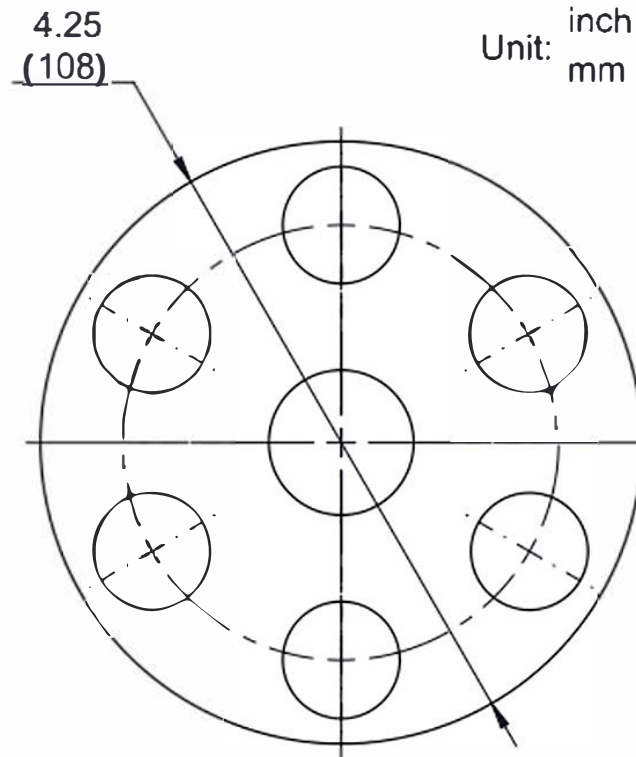
NO.	PART NO.	PART NAME	QTY	REMARKS
	CSK15E0840	SHIM KIT	1	
1	CSK15E0842	SHIM PLATE	2	0.008" (0.2MM)
2	CSK15E0843	SHIM PLATE	2	0.020" (0.5MM)

3.5 - CS15 Shim Kit - CSK15E0850



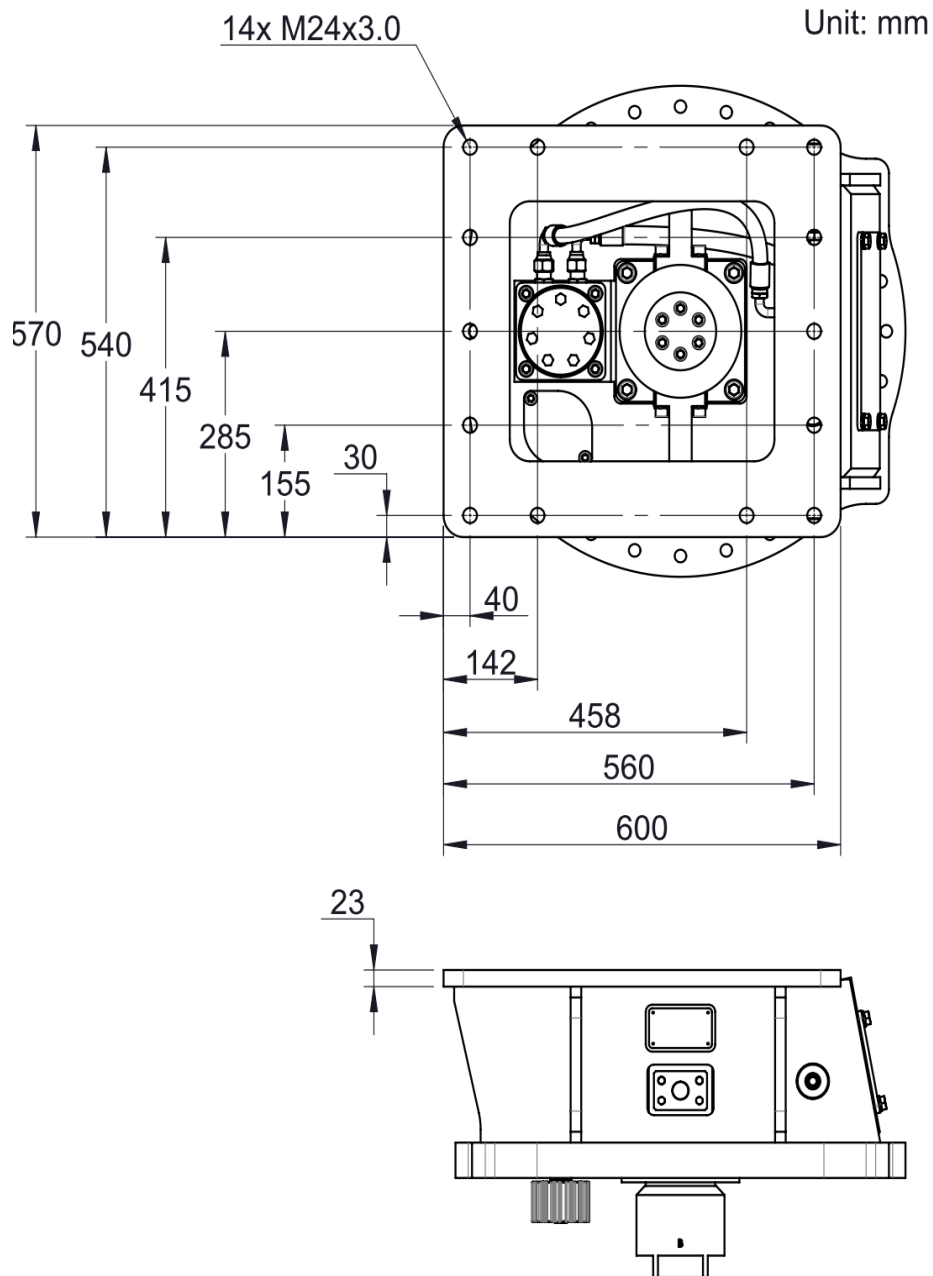
NO.	PART NO.	PART NAME	QTY	REMARKS
	CSK15E0850	SHIM KIT	1	
1	CSK15E0852	SHIM PLATE	2	0.008" (0.2MM)
2	CSK15E0853	SHIM PLATE	2	0.020" (0.5MM)

3.6 - CS15 Shim Kit - CSK15E0890

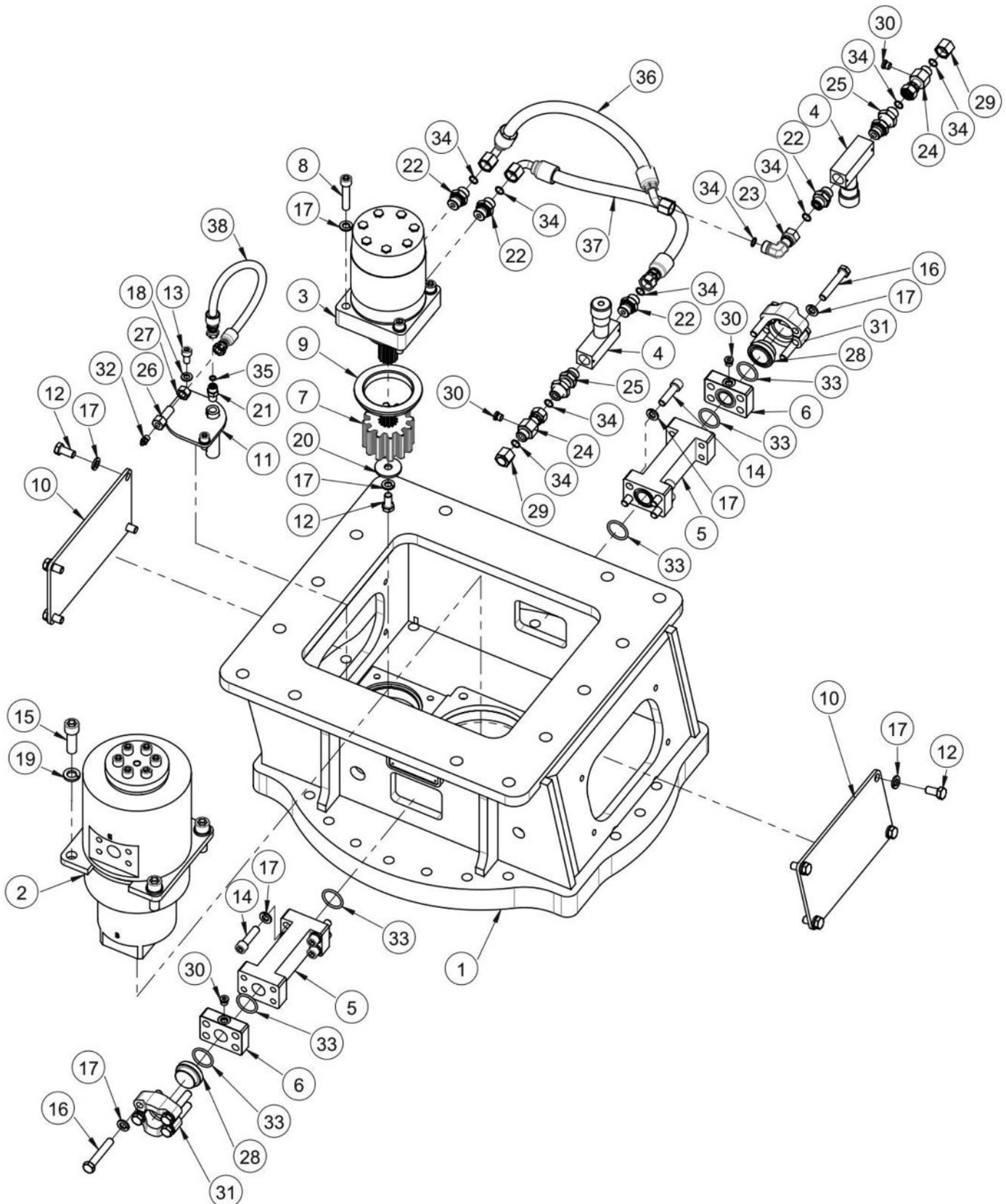


NO.	PART NO.	PART NAME	QTY	REMARKS
	CSK15E0890	SHIM KIT	1	
1	CSK15E0892	SHIM PLATE	2	0.008" (0.2MM)
2	CSK15E0893	SHIM PLATE	2	0.020" (0.5MM)
3	CSK15E0894	SHIM PLATE	2	0.080" (2.0MM)

3.7 - CS15 Sub Head Frame



3.7 CS15 Subhead Frame - CSK15E1000



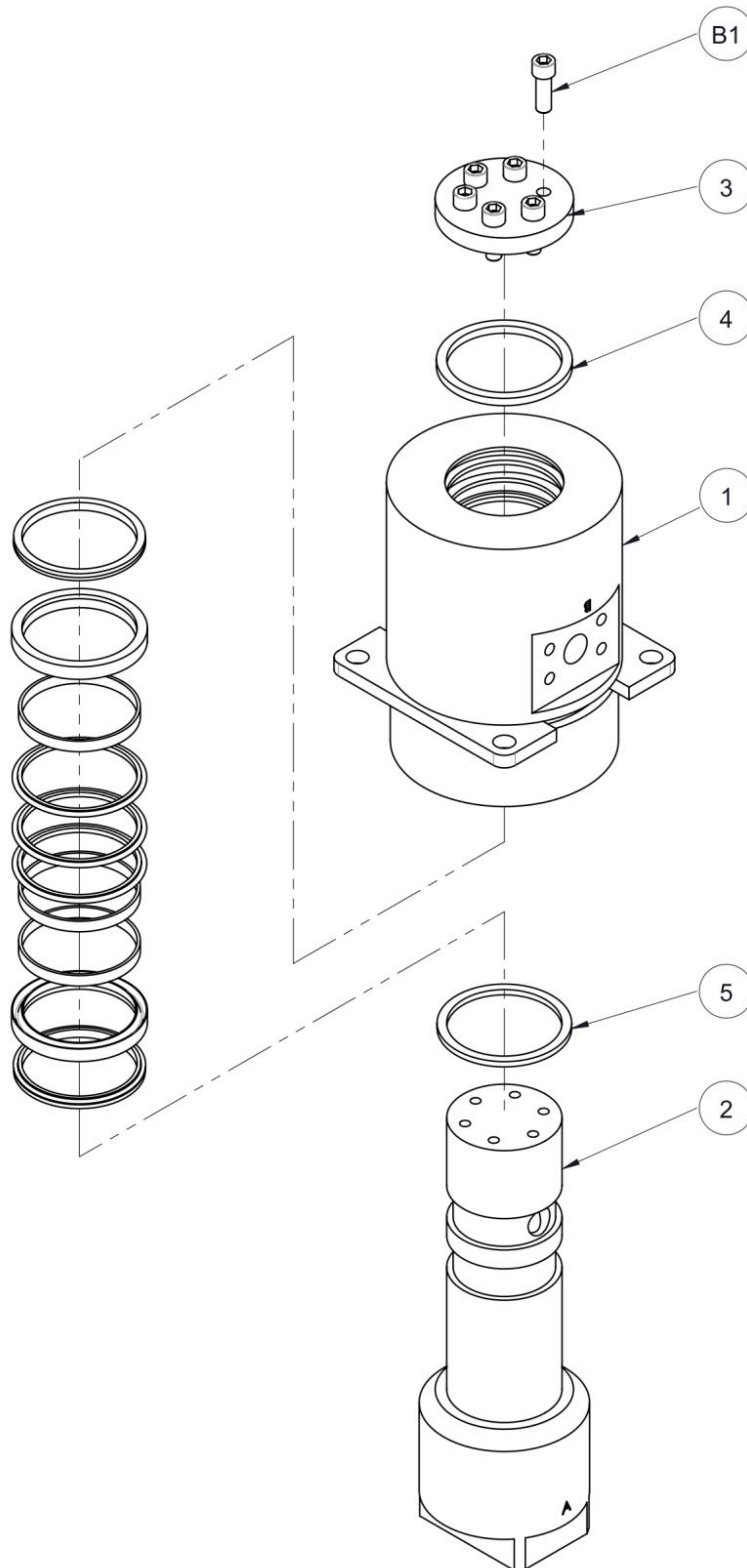
3.7 CS15 Subhead Frame - CSK15E1000

NO	PART NO.	PART NAME	QTY	REMARKS
-	CSK15E1000	TOP BODY SUB ASSY		
1	CSK15E1100	TOP BODY W.A	1	
2	CSK15E1020	TURNING JOINT	1	
3	CWC2010500	MOTOR ASSY	1	
-	CWC201022S	SEAL KIT; MOTOR	1	
4	CSK15E0950	FLOW CONTROL VALVE	2	
5	CWS3020090	MACH PORT BLOCK	2	
6	CSK15E1050	FLANGE; TEST PORT	2	
7	CSK15E1010	PINION GEAR	1	
8	CWSB1217060	SOCKET BOLT	4	
9	CWS3025010	PLATE	1	
10	CWS3025060	COVER	2	
11	CSK15E1200	COVER; GREASE	1	
12	CSHB1217025	HEX BOLT	9	
13	CSSB1015020	SOCKET BOLT	2	
14	CGSB1217045	SOCKET BOLT	8	
15	CSSB1620050	SOCKET BOLT	4	
16	CWHB1217070	BOLT,HEX	8	
17	CGSW120000	SPRING WASHER	29	
18	CHSW100000	SPRING WASHER	2	
19	CHSW160000	SPRING WASHER	4	
20	CWC2010501	MOTOR WASHER	1	

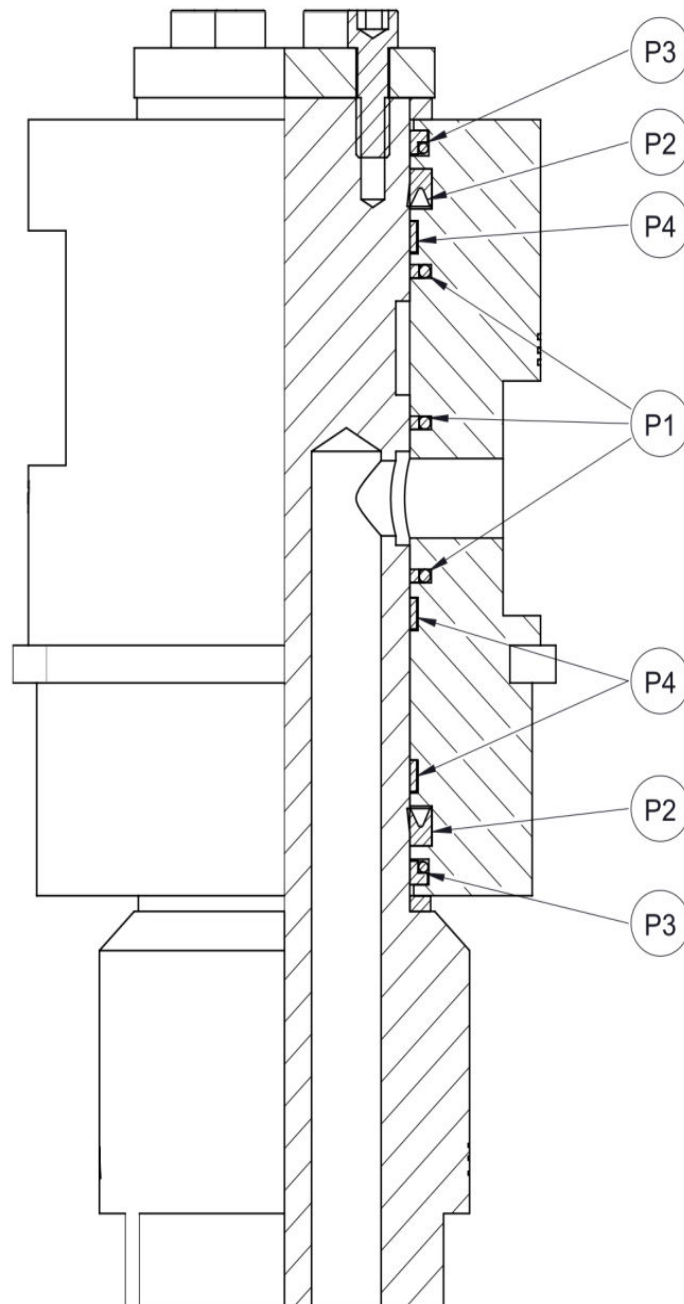
3.7 CS15 Subhead Frame - CSK15E1000

NO	PART NO.	PART NAME	QTY	REMARKS
21	CSAPT04MOR04M	ADAPTER	1	
22	CSAPE08MOR08M	ADAPTER	4	
23	CSAOR08MOR08F90	ADAPTER	1	
24	CSK15E1240	ADAPTER; TESTPORT	2	
25	CSK15E1040	ADAPTER; BULKHEAD	2	
26	CSK0701340	ADAPTER; REDUCER	1	
27	CSK0701350	ADAPTER; NUT	1	
28	CSF16M62	PLUG	2	
29	CSCOR08F	CAP	2	
30	CSK15E1230	SOCKET PLUG	4	
31	CGSF16F62	SPLIT FLANGE HALF 1.00	4	
32	CGGN180000	GREASE NIPPLE	1	
33	CWP3201012	O-RING (AS568 219)	6	
34	CSK07G4930	O-RING	10	
35	CSK07G5080	O-RING	1	
36	CSK15E1260	HOSE ASSY	1	
37	CSK15E1250	HOSE ASSY	1	
38	CSK0701331	HOSE ASSY	1	

3.8 - CS15 Rotator Assembly



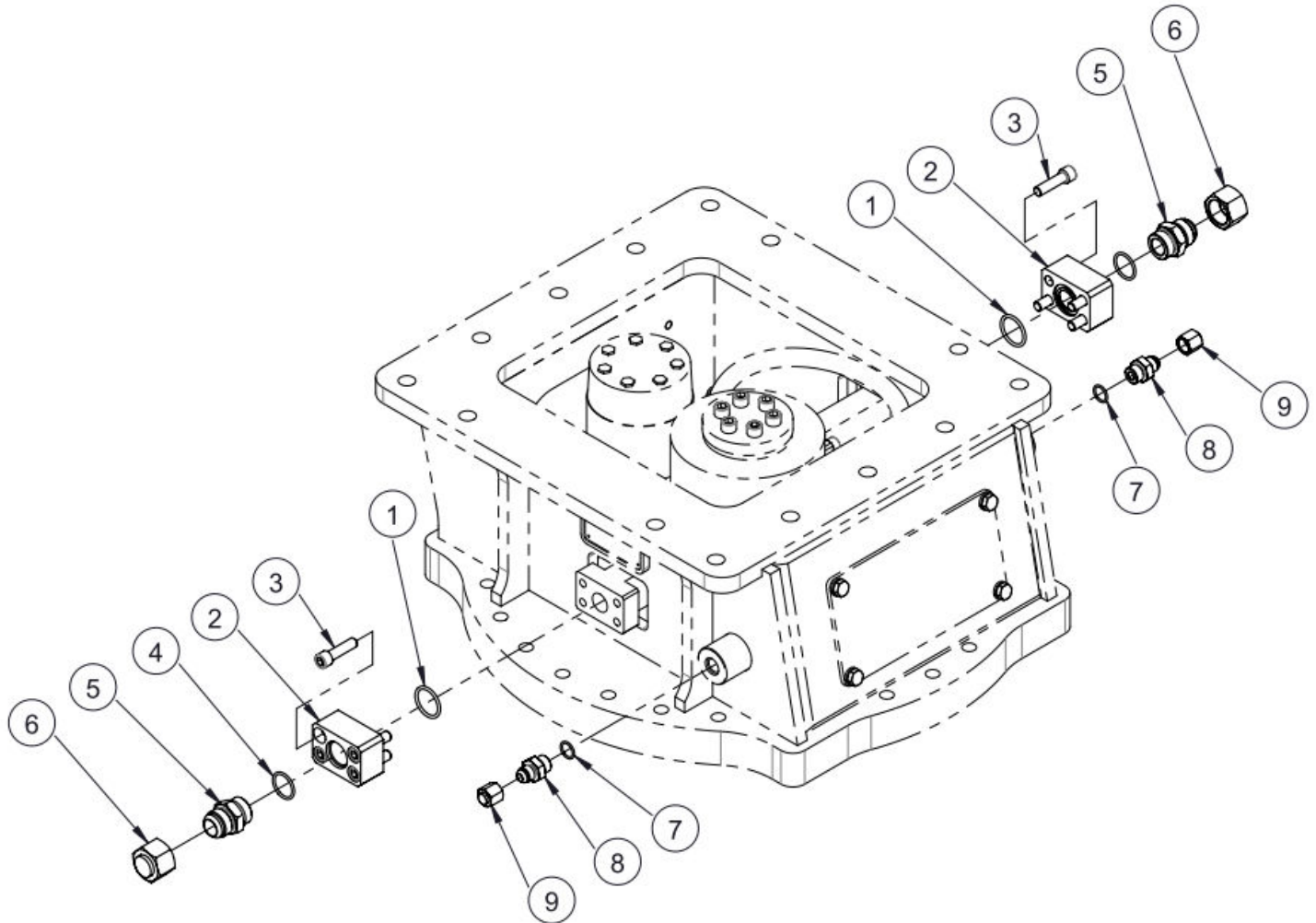
3.8 - CS15 Rotator Assembly



3.8 - CS15 Rotator Assembly

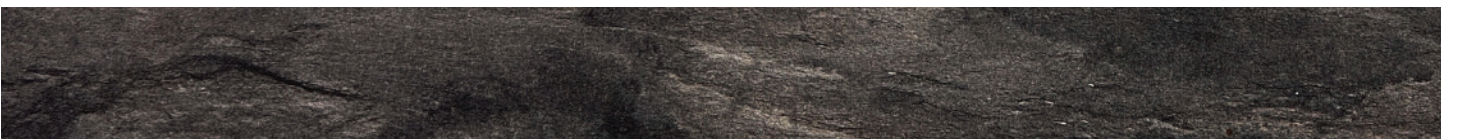
NO.	PART NO.	PART NAME	QTY	REMARKS
	CSK15E1020	HOUSING	1	
1	N/A	HOUSING	1	
2	N/A	SHAFT	1	
3	CSS20500403	COVER	1	
4	CSS20500404	BUSH-A	1	
5	CSS20500405	BUSH-B	1	
B1	CSSB1217035	SOCKET BOLT	6	
	CSS2050040SK	SEAL KIT	1	
P1		ROTARY SEAL	3	Part of SEAL KIT
P2		ROD SEAL	2	
P3		DUST SEAL	2	
P4		WEAR RING	3	

3.9 - CS15 Fitting Set



NO.	PART NO.	PART NAME	QTY	REMARKS
	FITBY	FITTING SET	1	
1	CHB4007050	O-RING	2	
2	CHB3006670	FLANGE	2	
3	CGSB1217045	SOCKET BOLT	8	
4	CWV4300010	O-RING	2	
5	CWAUF16MJC16M	ADAPTER	2	
6	CSCJC16F	CAP	2	
7	CGA2507380	O-RING	2	
8	CSAPO08MJC08M	ADAPTER	2	
9	CSCJC08F	CAP	2	

Notes

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